

Engineering Day: Geodesic Dome Ornament

You can create a colorful paper ornament made up of two domes. Cut out your own circles with a circle cutter or pick up the craft kit from the Children's Department.

Materials:

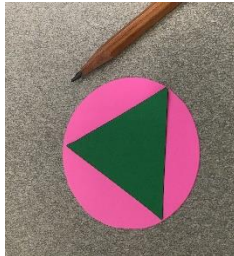
- colored cardstock or regular paper
- ribbon for hanging
- glue
- scissors
- paper clips (optional)



Instructions:

1. Punch or cut out 21 circles of colored cardstock or paper. They can be all one color or several. You can use a circular template, like a round glass, to draw the circles with a pencil and then cut them out. Or you could use a circle punch.
2. Create a triangular template from one circle that fits inside the circles.

3. Trace the triangle onto all circle pieces.



5. Glue folded flaps of 10 circles to form a chain, alternating colors, with flaps on the outside. You can hold flaps together with paper clips while they dry.



4. Fold all circle pieces along template lines, creating three flaps on each, pencil marks on opposite side from the flaps.



6. Glue folded flaps of 5 circles to create a top dome with flaps, facing out (it will not lie flat).



7. Repeat to create a bottom dome.
8. Glue final flap of center chain to make a circular shape.



9. Glue domes on top and bottom.
10. Allow to dry.
11. Punch a hanging hole, put the twine or ribbon through the hole, create a loop with knots. Display your ornament.